

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021075.D
 Acq On : 19 Jul 2024 12:50
 Operator : MA/JU
 Sample : P3238-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 20 01:33:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	174366	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.440	136	710057	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	467084	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1057910	20.000	ng/u1	-0.01
79) Chrysene-d12	21.563	240	1114981	20.000	ng/u1	-0.02
88) Perylene-d12	24.868	264	1348036	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	13738m	3.585	ng/uL	0.00
4) Pyridine-d5	3.658	84	36534	3.293	ng/u1	0.00
7) Phenol-d5	6.893	99	272232	19.150	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	158716	18.423	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.234	132	226983	19.380	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	213770	18.106	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	105536	19.136	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	122798	19.454	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	218971	19.184	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.598	131	219272	14.501	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	662705	19.517	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	779505	20.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	95735m	19.817	ng/u1	-0.01
60) Fluorene-d10	15.316	176	613073	22.009	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	70145	10.959	ng/u1	0.00
73) Anthracene-d10	17.222	188	1009650	21.488	ng/u1	0.00
81) Pyrene-d10	19.604	212	1213783	17.608	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.645	264	1043056	15.689	ng/u1	-0.04
Target Compounds						
					Qvalue	
52) Acenaphthene	14.375	153	41423	1.446	ng/u1	99
61) Fluorene	15.375	166	46311	1.446	ng/u1	97
72) Phenanthrene	17.163	178	923597	16.829	ng/u1	100
74) Anthracene	17.257	178	157758	2.820	ng/u1	98
77) Carbazole	17.545	167	99008	2.165	ng/u1	97
80) Fluoranthene	19.251	202	1645284	19.764	ng/u1	99
82) Pyrene	19.633	202	1181979	13.953	ng/u1	99
83) Butylbenzylphthalate	20.569	149	66292	1.878	ng/u1	96
85) Benzo(a)anthracene	21.545	228	696507	8.918	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	187590m	3.693	ng/u1	
87) Chrysene	21.610	228	742439	10.230	ng/u1	97
90) Benzo(b)fluoranthene	23.827	252	969233	11.848	ng/u1	97
91) Benzo(k)fluoranthene	23.886	252	321326m	3.936	ng/u1	
93) Benzo(a)pyrene	24.709	252	387573	5.014	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.633	276	361302	3.627	ng/u1	98
95) Dibenzo(a,h)anthracene	28.686	278	123417m	1.496	ng/u1	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

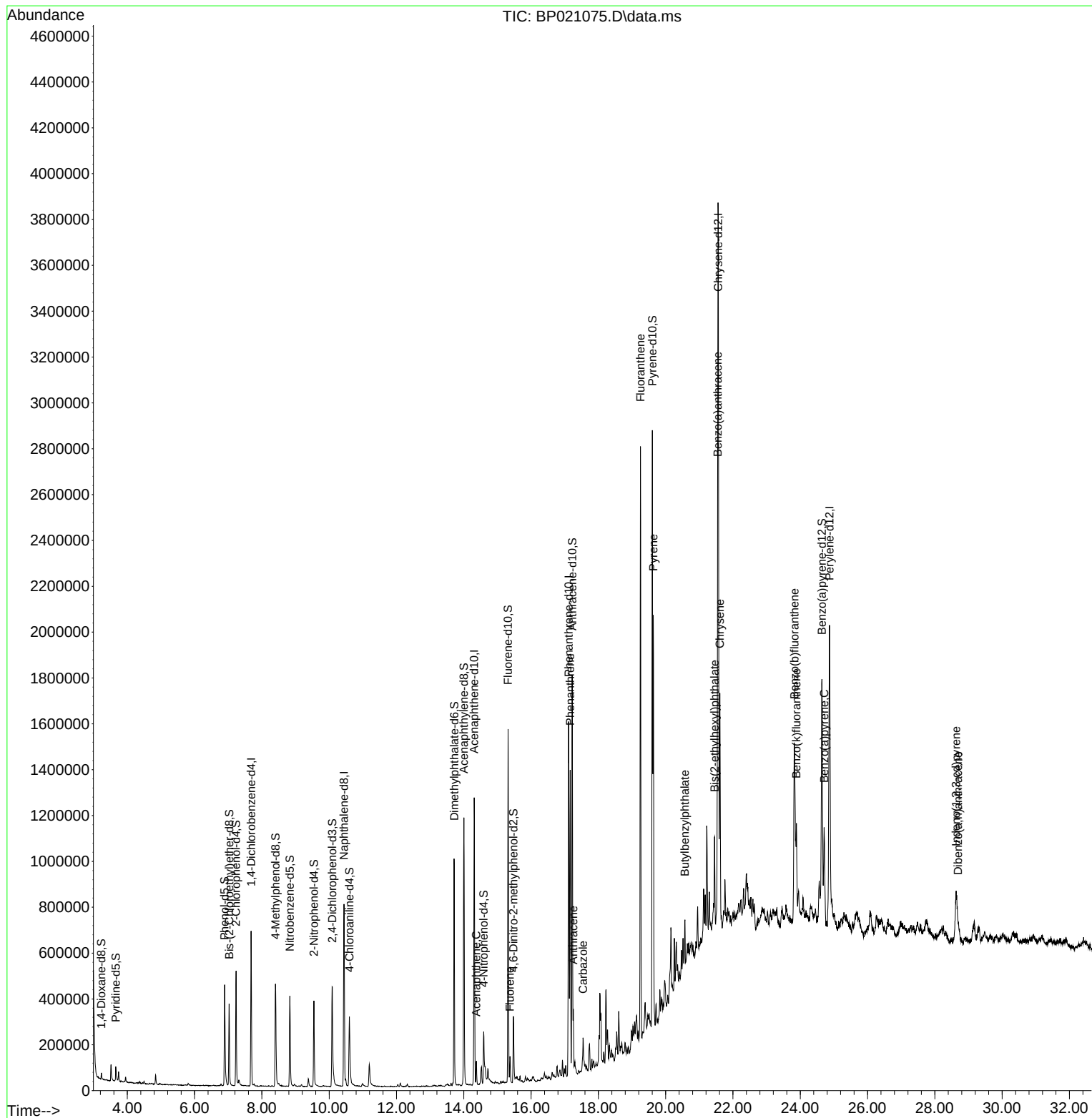
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

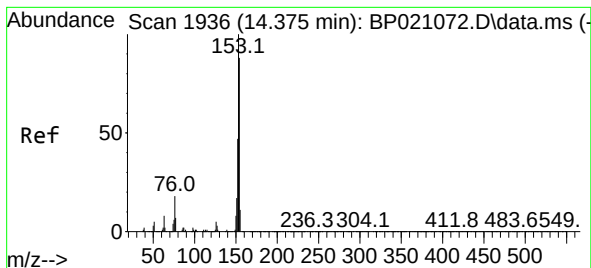
Instrument :
BNA_P
ClientSampleId :
A4BE9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

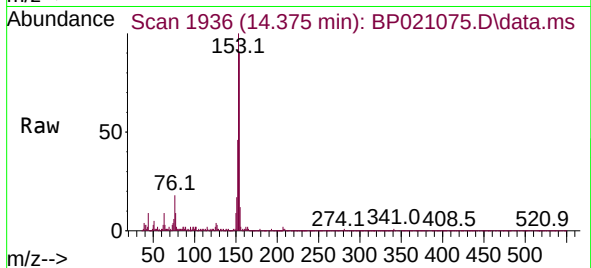
Quant Time: Jul 20 01:33:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.446 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP021075.D
Acq: 19 Jul 2024 12:50

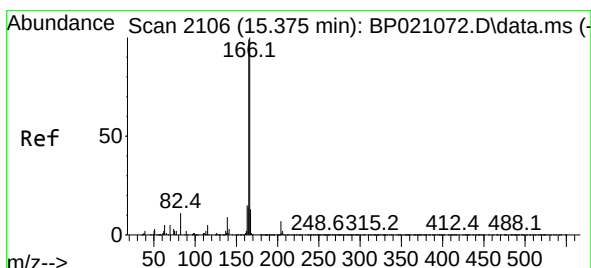
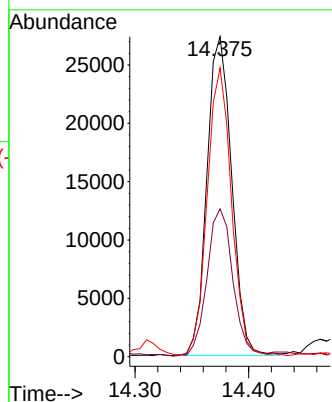
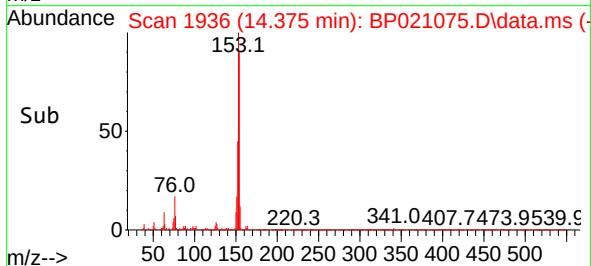
Instrument :
BNA_P
ClientSampleId :
A4BE9



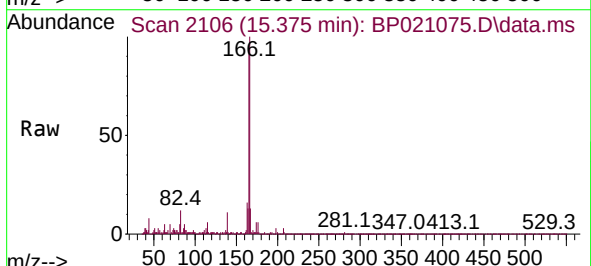
Tgt Ion:153 Resp: 4142
Ion Ratio Lower Upper
153 100
152 46.2 37.8 56.6
154 90.2 71.8 107.6

Manual Integrations
APPROVED

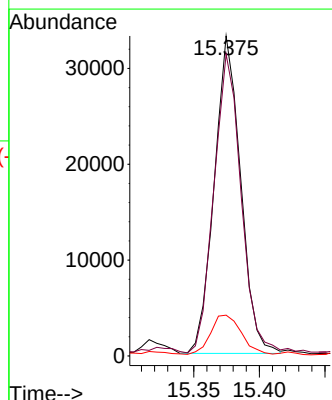
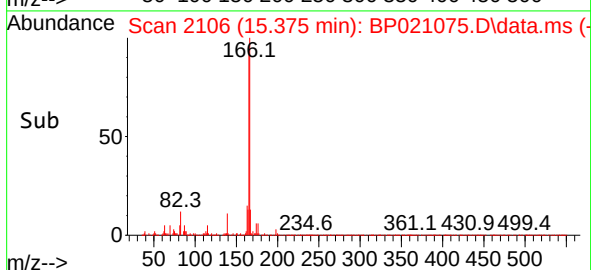
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

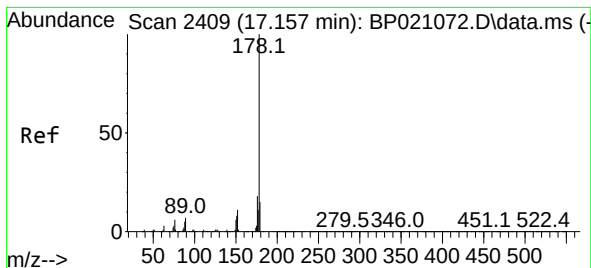


#61
Fluorene
Concen: 1.446 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP021075.D
Acq: 19 Jul 2024 12:50



Tgt Ion:166 Resp: 46311
Ion Ratio Lower Upper
166 100
165 94.3 78.1 117.1
167 12.7 10.9 16.3





#72

Phenanthrene

Concen: 16.829 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Instrument :

BNA_P

ClientSampleId :

A4BE9

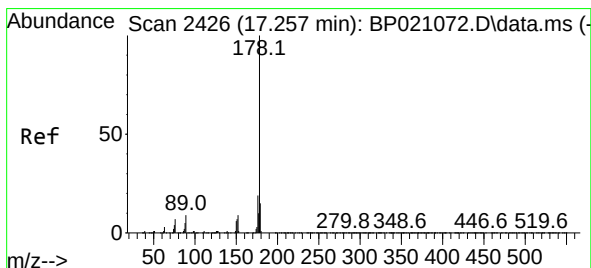
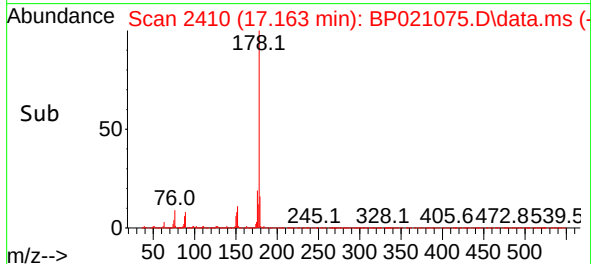
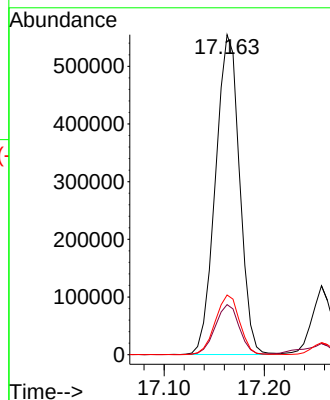
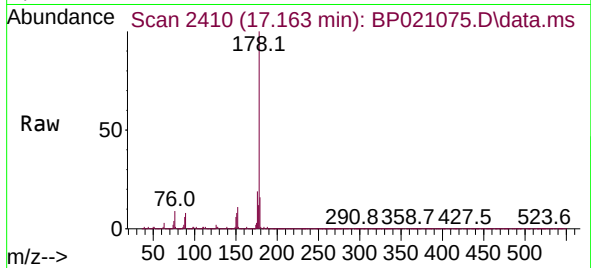
Tgt Ion:	178	Resp:	92359
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.4
176	18.6	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#74

Anthracene

Concen: 2.820 ng/ul

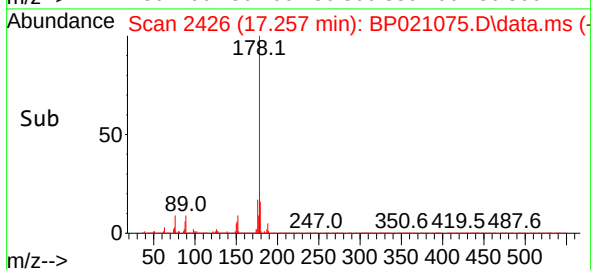
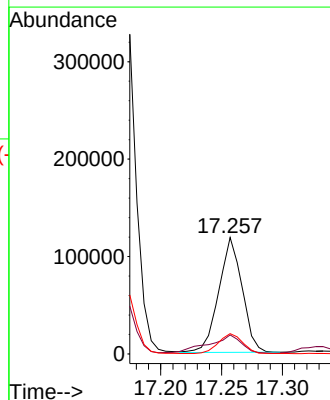
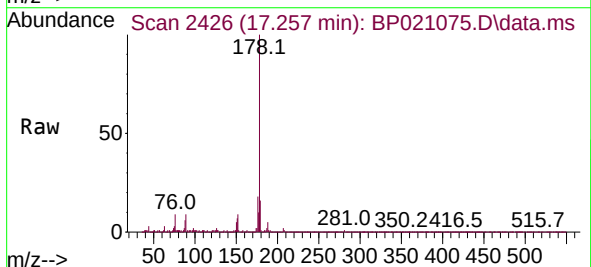
RT: 17.257 min Scan# 2426

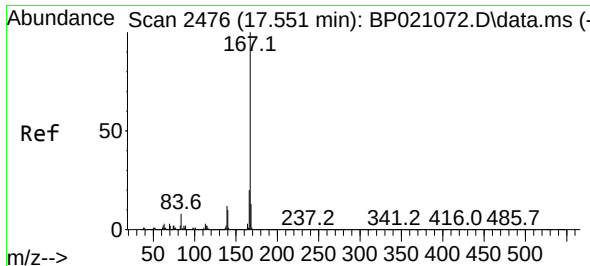
Delta R.T. -0.006 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Tgt Ion:	178	Resp:	157758
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.5	18.7
176	17.5	14.8	22.2





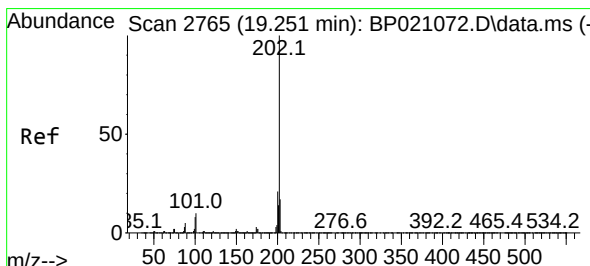
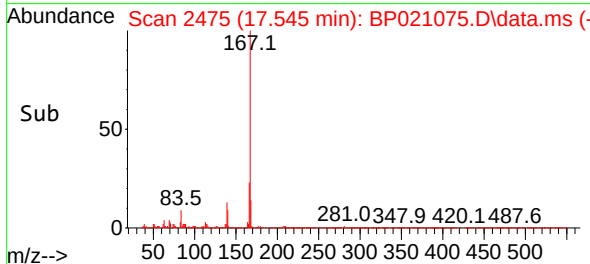
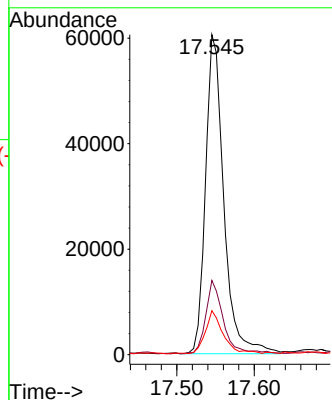
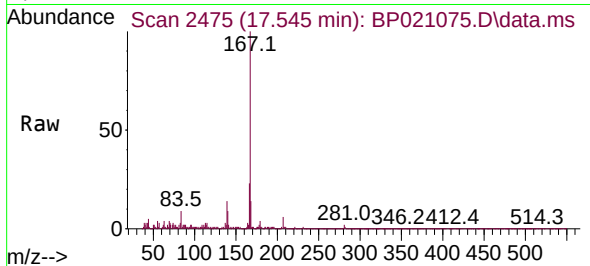
#77
 Carbazole
 Concen: 2.165 ng/ul
 RT: 17.545 min Scan# 2476
 Delta R.T. -0.018 min
 Lab File: BP021075.D
 Acq: 19 Jul 2024 12:50

Instrument :
 BNA_P
 ClientSampleId :
 A4BE9

Tgt Ion:167 Resp: 99008
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.3 25.9
 139 13.7 10.2 15.2

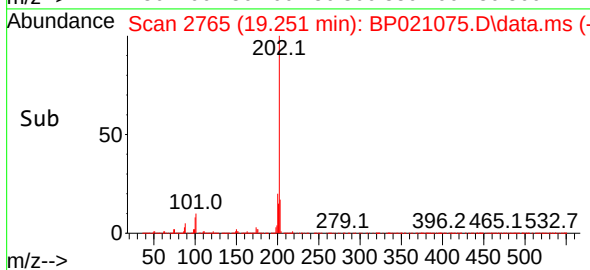
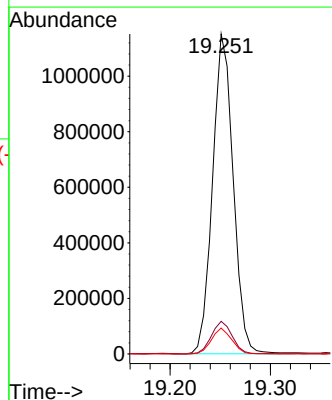
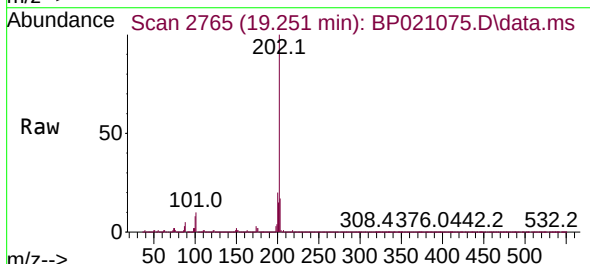
Manual Integrations
 APPROVED

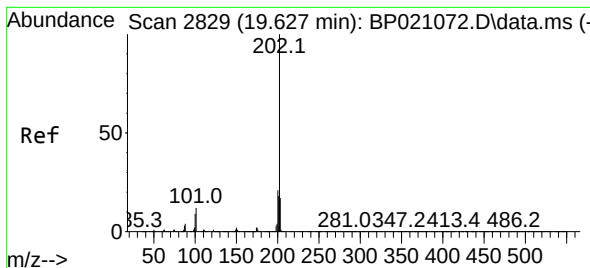
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024



#80
 Fluoranthene
 Concen: 19.764 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. -0.012 min
 Lab File: BP021075.D
 Acq: 19 Jul 2024 12:50

Tgt Ion:202 Resp: 1645284
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.0 12.0
 100 8.1 6.1 9.1





#82

Pyrene

Concen: 13.953 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Instrument :

BNA_P

ClientSampleId :

A4BE9

Tgt Ion:202 Resp: 1181979

Ion Ratio Lower Upper

202 100

101 12.4 9.4 14.2

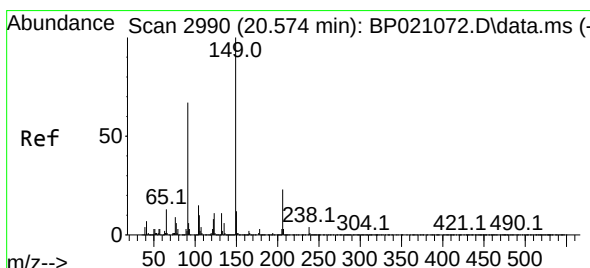
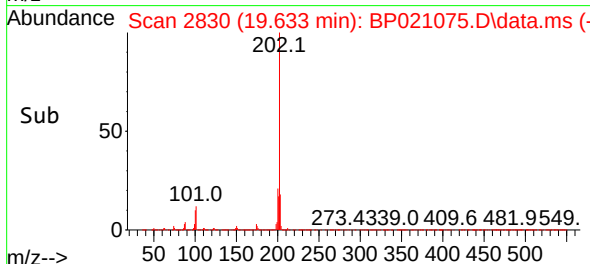
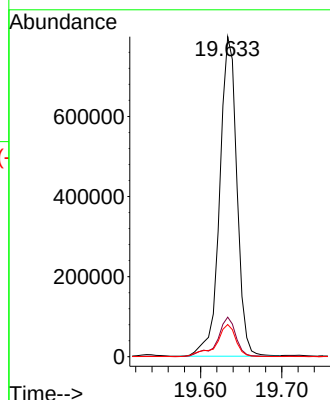
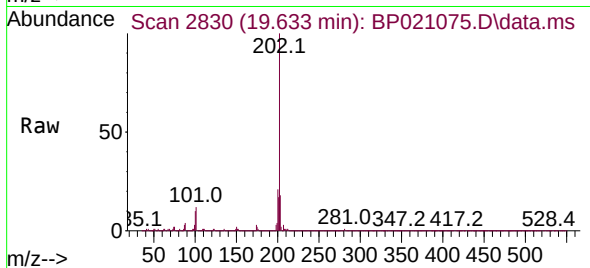
100 10.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#83

Butylbenzylphthalate

Concen: 1.878 ng/ul

RT: 20.569 min Scan# 2989

Delta R.T. -0.018 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

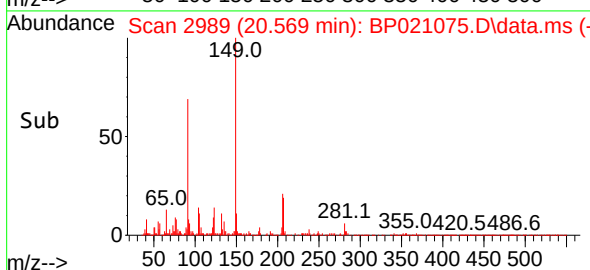
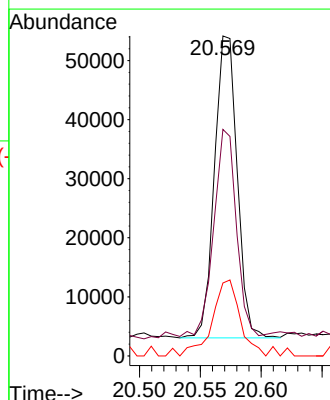
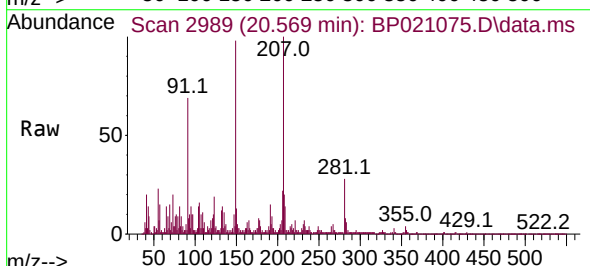
Tgt Ion:149 Resp: 66292

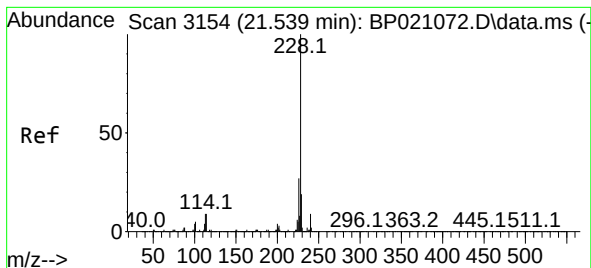
Ion Ratio Lower Upper

149 100

91 70.8 54.1 81.1

206 22.8 17.0 25.6





#85

Benzo(a)anthracene

Concen: 8.918 ng/ul

RT: 21.545 min Scan# 3154

Delta R.T. -0.018 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Instrument :

BNA_P

ClientSampleId :

A4BE9

Tgt Ion:228 Resp: 69650

Ion Ratio Lower Upper

228 100

229 20.4 15.5 23.3

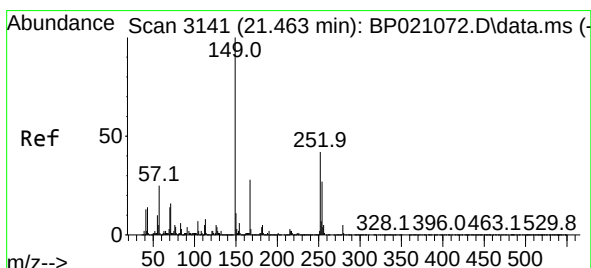
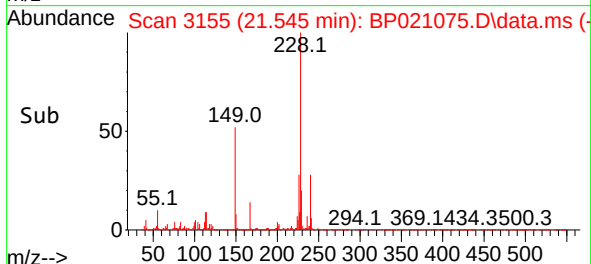
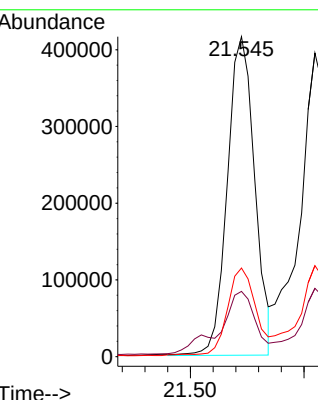
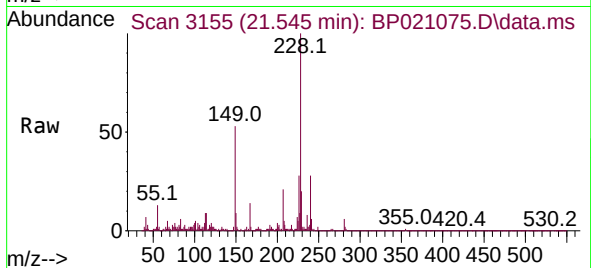
226 27.7 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.693 ng/ul m

RT: 21.457 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

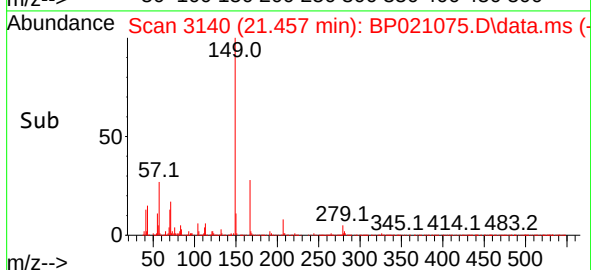
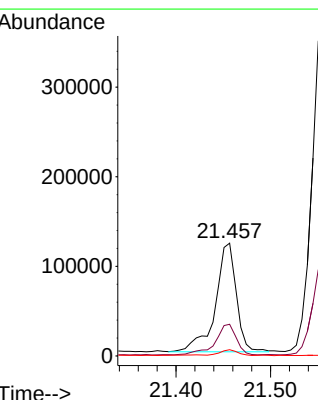
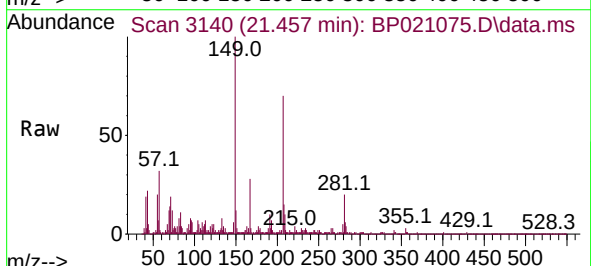
Tgt Ion:149 Resp: 187590

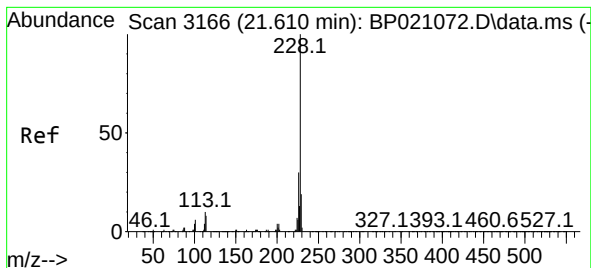
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 5.5 3.7 5.5





#87

Chrysene

Concen: 10.230 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. -0.018 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Instrument :

BNA_P

ClientSampleId :

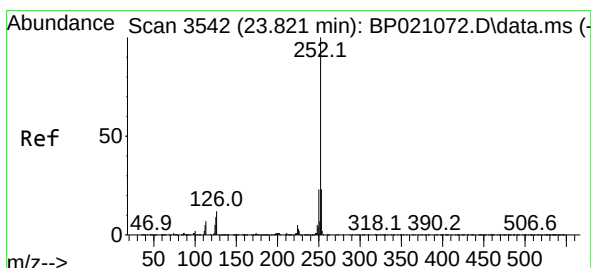
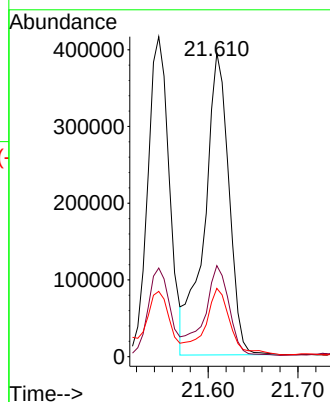
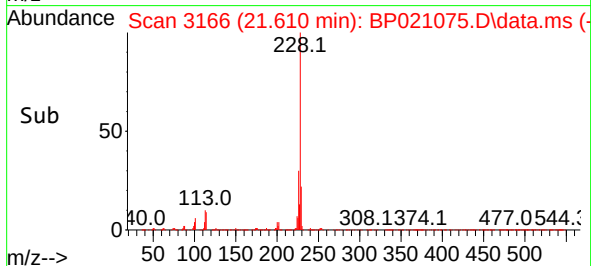
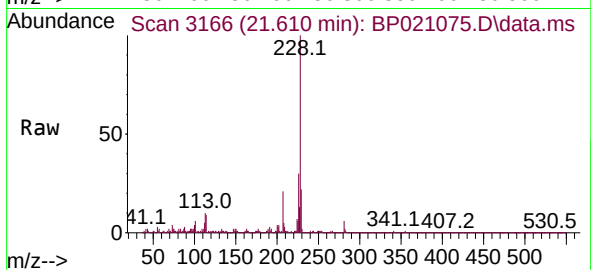
A4BE9

Tgt Ion:228 Resp: 742439
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 22.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#90

Benzo(b)fluoranthene

Concen: 11.848 ng/ul

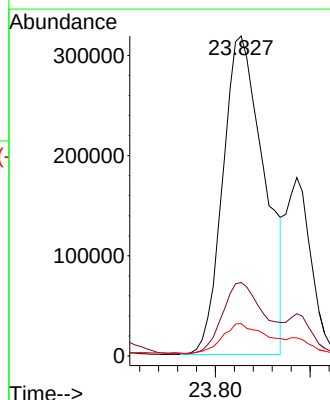
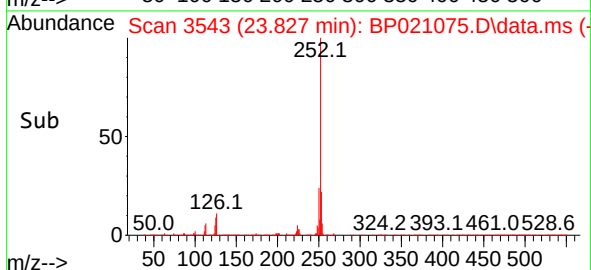
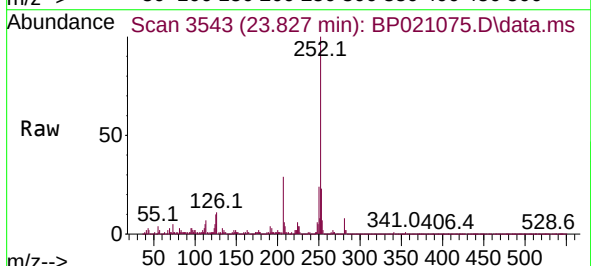
RT: 23.827 min Scan# 3543

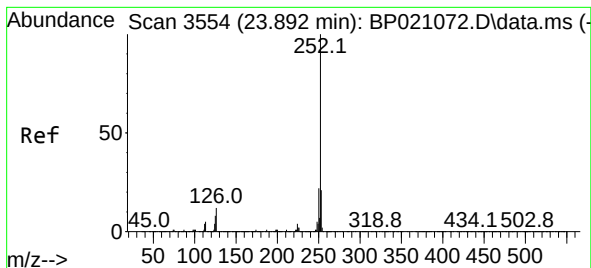
Delta R.T. -0.024 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Tgt Ion:252 Resp: 969233
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 10.1 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 3.936 ng/ul m

RT: 23.886 min Scan# 3

Delta R.T. -0.035 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Instrument :

BNA_P

ClientSampleId :

A4BE9

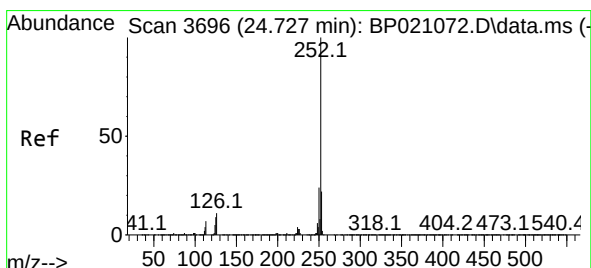
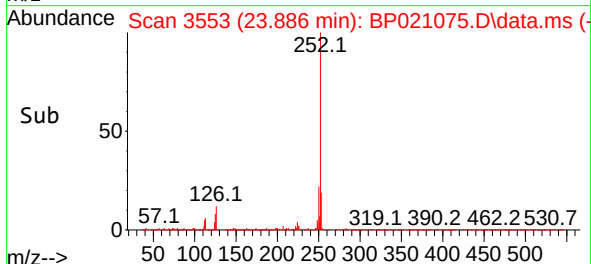
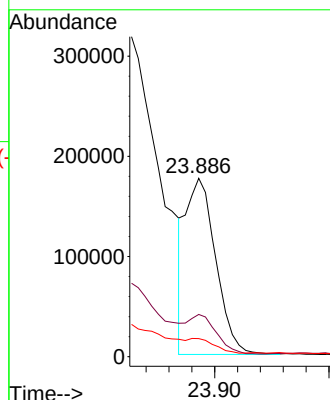
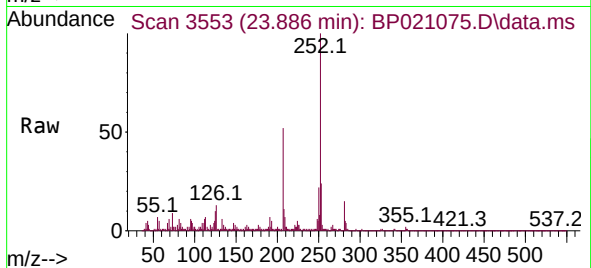
Tgt Ion:	252	Resp:	321320
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	10.1	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#93

Benzo(a)pyrene

Concen: 5.014 ng/ul

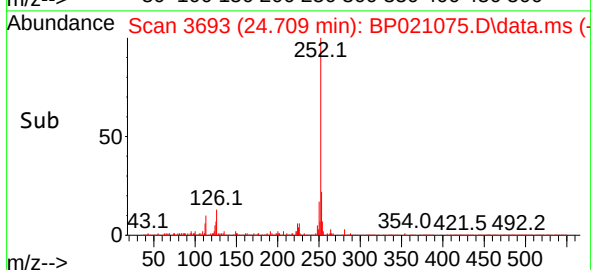
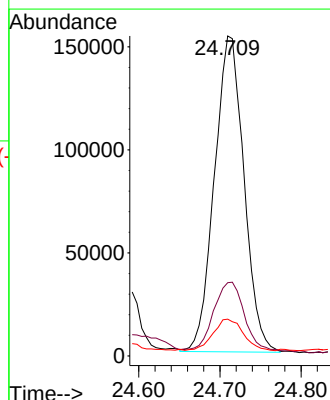
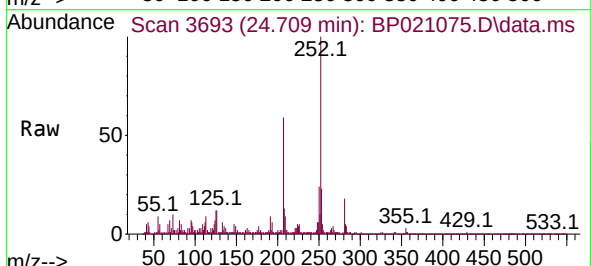
RT: 24.709 min Scan# 3693

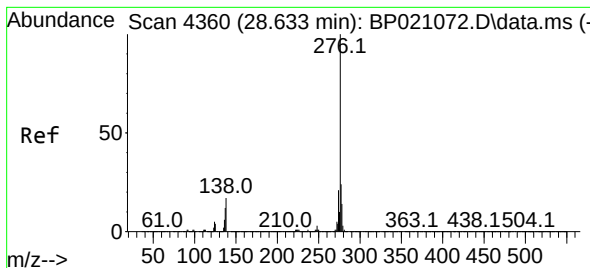
Delta R.T. -0.053 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Tgt Ion:	252	Resp:	387573
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	11.5	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.627 ng/ul

RT: 28.633 min Scan# 4360

Delta R.T. -0.071 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Instrument :

BNA_P

ClientSampleId :

A4BE9

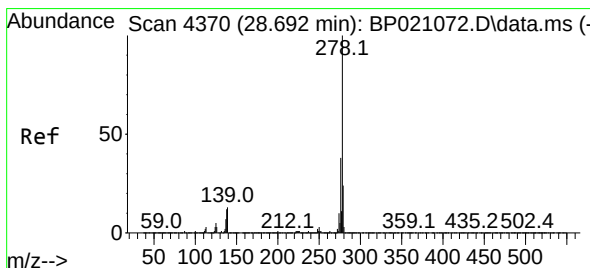
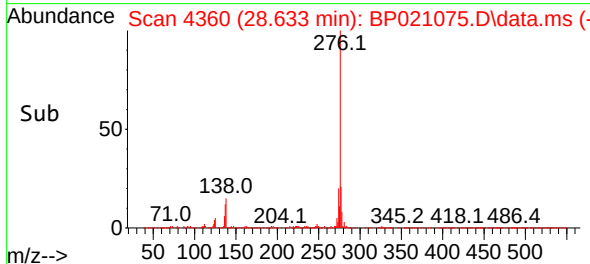
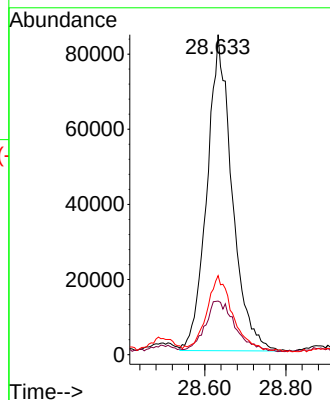
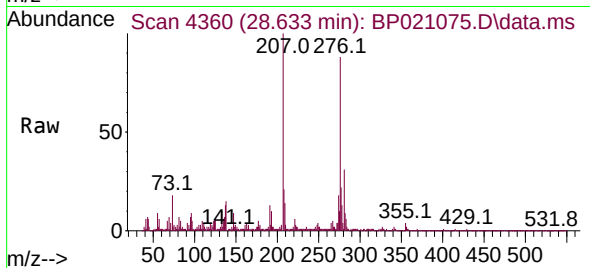
Tgt Ion:	276	Resp:	36130
Ion Ratio	Lower	Upper	
276	100		
138	16.7	14.3	21.5
277	24.7	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.496 ng/ul m

RT: 28.686 min Scan# 4369

Delta R.T. -0.053 min

Lab File: BP021075.D

Acq: 19 Jul 2024 12:50

Tgt Ion:	278	Resp:	123417
Ion Ratio	Lower	Upper	
278	100		
139	17.6	10.9	16.3#
279	36.0	19.4	29.0#

